AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of forming a liner, including the steps of mixing a water-based dispersion of polyurethane with a cementitious material to form a wet mixture and applying the wet mixture to a surface, to form the liner, ~~characterised in that~~, wherein the % mass of the water-based dispersion of polyurethane in the wet mixture ranges between 40 and 80%.

2. (Currently Amended) The method according to claim 1, ~~characterised in that~~, wherein the % mass of the water-based dispersion of polyurethane in the wet mixture ranges between 60 and 70%.

3. (Currently Amended) The method according to claim 1 ~~or claim 2~~, ~~characterised in that~~ wherein the water-based dispersion of polyurethane includes additives which improve the evaporation of the liquid of the wet mixture.

4. (Currently Amended) The method according to claim 3, ~~characterised in that~~, wherein the additives include a low boiling point alcohol.

5. (Currently Amended) The method according to claim 4, ~~characterised in that~~, wherein the low boiling point alcohol is isopropanol or ethanol.

6. (Currently Amended) The method according to claim 5, ~~characterised in that~~, wherein the % mass of the additives in the wet mixture ranges between 0 to 5%.

7. (Currently Amended) The method according to ~~any one of claims 1 to 6, characterised in that~~ claim 1, wherein the cementitious material includes anhydrous calcium sulphate.

8. (Currently Amended) The method according to claim 7, ~~characterised in that~~, wherein the % mass of the anhydrous calcium sulphate in the wet mixture ranges between 5 and 35%.

9. (Currently Amended) The method according to claim 8, ~~characterised in that~~, wherein the % mass of the anhydrous calcium sulphate in the wet mixture ranges between 10 and 20%.

10. (Currently Amended) The method according to claim 8, ~~characterised in that~~, wherein the % mass of the anhydrous calcium sulphate in the wet mixture ranges between 10 and 17%.

11. (Currently Amended) The method according to ~~any one of claims 1 to 10, characterised in that~~ claim 1, wherein an epoxy hardener and an epoxy resin from part of the wet mixture.

12. (Currently Amended) The method according to claim 11, ~~characterised in that~~, wherein the epoxy hardener is included in the water-based dispersion of polyurethane.

13. (Currently Amended) The method according to claim 11, ~~characterised in that~~, wherein the % mass of the epoxy hardener in the wet mixture is in the range of 1 to 10% and the % mass of the epoxy resin in the wet mixture is in the range of 1 to 10%.

14. (Currently Amended) The method according to claim 13 ~~characterised in that~~, wherein the % mass of the epoxy hardener in the wet mixture is approximately 5% and the % mass of the epoxy resin in the wet mixture is approximately 5%.

15. (Currently Amended) The method according to ~~any one of claims 11 to 14 characterised in that~~ claim 11, wherein the epoxy resin is mixed with a liquid carrier prior to being mixed with the epoxy hardener.

16. (Currently Amended) The method according to ~~any one of claims 13 to 15, characterised in~~ that claim 13, wherein the liquid carrier is an amorphous precipitated silica.

17. (Currently Amended) The method according to claim 13 ~~or claim 14~~, ~~characterised in that~~ wherein the mixture of the epoxy resin and the liquid carrier is in powder form and is combined with the cementitious material.

18. (Currently Amended) The method according to ~~any one of claims 1 to 17, characterised in that~~ claim 1, wherein the wet mixture is applied to a surface by spraying, casting, rolling or brushing.

19. (Currently Amended) The method according to claim 18, ~~characterised in that~~, wherein the wet mixture is sprayed in a fine mist onto the surface by spray gun.

20. (Currently Amended) The method according to claim 18, wherein ~~or claim 19, characterised in that~~ the surface is a wall in a mine or the liner for a swimming ~~pools~~ pool or any other water proofing application and the wet mixture applied to the surface has a thickness between 0.1 to 5 mm.

21. (Currently Amended) The method according to claim 18, wherein ~~characterised in that~~ the wet mixture applied to the surface has a thickness between 0.1 to 1.5 mm.

22. (Currently Amended) A kit for the production of a wet mixture for forming a liner, the kit including:

- a first component including a water-based dispersion of polyurethane;

and

- a second component including a cementitious material

characterised in that the % mass of the water-based dispersion of polyurethane in the wet mixture ranges between 40 and 80%.

23. (Currently Amended) The kit according to claim 22, wherein ~~characterised in that~~ wherein the % mass of the water-based dispersion of polyurethane in the wet mixture ranges between 60 and 70%.

24. (Currently Amended) The kit according to claim 22 ~~or claim 23, characterised in that~~, wherein the first component includes additives which improve the evaporation of liquid of the wet mixture.

25. (Currently Amended) The kit according to claim 24, ~~characterised in that~~, wherein the additives include a low boiling point alcohol.

26. (Currently Amended) The kit according to claim 25, ~~characterised in that~~ wherein the low boiling point alcohol is isopropanol or ethanol.

27. (Currently Amended) The kit according to claim 26, ~~characterised in that~~ wherein the % mass of the additives in the mixture ranges between 0 to 5%.

28. (Currently Amended) The kit according to ~~any one of claims 22 to 27, characterised in that~~ claim 22, wherein the second component includes anhydrous calcium sulphate.

29. (Currently Amended) The kit according to claim 28, ~~characterised in that~~ wherein the % mass of the anhydrous calcium sulphate ranges between 5 and 35%.

30. (Currently Amended) The kit according to claim 29, ~~characterised in that~~ wherein the % mass of the anhydrous calcium sulphate in the wet mixture ranges between 10 and 20%.

31. (Currently Amended) The kit according to claim 30, ~~characterised in that~~ wherein the % mass of the anhydrous calcium sulphate in the wet mixture ranges between 15 and 17%.

32. (Currently Amended) The kit according to ~~any one of claims 22 to 31, characterised in that~~ Claim 22, wherein an epoxy hardener and an epoxy resin form part of the wet mixture.

33. (Currently Amended) The kit according to claim 32, ~~characterised in that~~ wherein the epoxy hardener is included in the first component.

34. (Currently Amended) The kit according to claim 33, ~~characterised in that~~ wherein the % mass of the epoxy hardener in the wet mixture is in the range of 1 to 10% and the % mass of the epoxy resin in the wet mixture is in the range of 1 to 10%.

35. (Currently Amended) The kit according to claim 34, ~~characterised in that~~ wherein the % mass of the epoxy hardener in the wet mixture is approximately 5% and the % mass of the epoxy resin in the wet mixture is approximately 5%.

36. (Currently Amended) The kit according to ~~any one of claims 32 to 35, characterised in that~~ claim 32, wherein the epoxy resin is dispersed with a quantity of liquid carrier to adsorb the liquid onto the liquid carrier.

37. (Currently Amended) The kit according to claim 36, ~~characterised in that~~ wherein the liquid carrier is an inert fine grade of silica.

38. (Currently Amended) The kit according to claim 36 ~~or claim 37~~, ~~characterised in that~~ wherein the epoxy resin and liquid carrier is in powder form and is combined with the cementitious material forming the second component.

39. (Currently Amended) A wet mixture for forming a liner, the wet mixture including a water-based dispersion of polyurethane and a cementitious material, ~~characterised in that~~ wherein the % mass of the water-based dispersion of polyurethane in the wet mixture ranges between 40 and 80%.

40. (Currently Amended) The wet mixture according to claim 39, ~~characterised in that~~ wherein the % mass of the water-based dispersion of polyurethane in the wet mixture ranges between 60 and 70%.

41. (Currently Amended) The wet mixture according to claim 39 ~~or claim 40~~, wherein ~~characterised in that~~ the water-based dispersion of polyurethane includes additives which improve the evaporation of liquid of the wet mixture.

42. (Currently Amended) The wet mixture according to claim 41, ~~characterised in that~~ wherein the additives include a low boiling point alcohol.

43. (Currently Amended) The wet mixture according to claim 42, ~~characterised in that~~ wherein the low boiling point alcohol is isopropanol or ethanol.

44. (Currently Amended) The wet mixture according to claim 43, ~~characterised in that~~ wherein the % mass of the additives in the mixture ranges between 0 to 5%.

45. (Currently Amended) The wet mixture according to ~~any one of claims 39 to 44, characterised in that~~ claim 39, wherein the cementitous material includes anhydrous calcium sulphate.

46. (Currently Amended) The wet mixture according to claim 45, ~~characterised in that~~ wherein the % mass of the anhydrous calcium sulphate in the wet mixture ranges between 5 and 35%.

47. (Currently Amended) The wet mixture according to claim 46, ~~characterised in that~~ wherein the % mass of the anhydrous calcium sulphate in the wet mixture ranges between 10 and 20%.

48. (Currently Amended) The wet mixture according to claim 47, ~~characterised in that~~ wherein the % mass of the anhydrous calcium sulphate in the wet mixture ranges between 10 and 20%.

49. (Currently Amended) The wet mixture according to ~~any one of claims 39 to 48, characterised in that~~ claim 39, wherein an epoxy hardener and an epoxy resin form part of the wet mixture.

50. (Currently Amended) The wet mixture according to claim 49, ~~characterised in that~~ wherein the epoxy hardener is included in the water-based dispersion of polyurethane.

51. (Currently Amended) The wet mixture according to claim 50, ~~characterised in that~~ wherein the % mass of the epoxy hardener in the wet mixture is in the range of 1 to 10% and the % mass of the epoxy resin in the wet mixture is in the range of 1 to 10%.

52. (Currently Amended) The wet mixture according to claim 51, ~~characterised in that~~ wherein the % mass of the epoxy hardener in the wet mixture is approximately 5% and the % mass of the epoxy resin in the wet mixture is approximately 5%.

53. (Currently Amended) The wet mixture according to ~~any one of claims 49 to 52 characterised in that~~ claim 49, wherein the epoxy resin is mixed with a liquid carrier to form a powder prior to being mixed with the epoxy hardener.

54. (Currently Amended) The wet mixture according to claim 53, ~~characterised in that~~ wherein the liquid carrier is an amorphous precipitated silica.

55. (Currently Amended) The wet mixture according to claim 53 ~~or claim 54, characterised in that~~, wherein the mixture of epoxy resin and the liquid carrier is in powder form and is combined with the cementitious material.

56. (Currently Amended) A liner, including a water-based dispersion of polyurethane and a cementitious material, ~~characterised in that~~ the % mass of the water-based dispersion of polyurethane in the liner ranges between 40 and 80% in a wet mixture of the constituents.

57. (Currently Amended) The liner according to claim 56, ~~characterised in that~~ wherein the water-based dispersion of polyurethane includes additives which improve the setting of the liner.

58. (Currently Amended) The linear according to claim 57, ~~characterised in that~~ wherein the additives include a low boiling point alcohol.

59. (Currently Amended) The liner according to claim 58, ~~characterised in that~~ wherein the low boiling point alcohol is isopropanol or ethanol.

60. (Currently Amended) The liner according to any one of ~~claims 56 to 59, characterised in that~~ claim 56, wherein the cementitious material includes anhydrous calcium sulphate.

61. (Currently Amended) The liner according to ~~any one of claims 56 to 60, characterised in that~~ claim 56, wherein an epoxy hardener and an epoxy resin form part of the liner.

62. (Currently Amended) The liner according to claim 61, ~~characterised in that~~ wherein the epoxy hardener is included in the water-based dispersion of polyurethane.

63. (Currently Amended) The liner according to claim 61 ~~or claim 62~~, ~~characterised in that~~ wherein the epoxy resin is mixed with a liquid carrier to form a powder prior to being mixed with the epoxy hardener.

64. (Currently Amended) The liner according to claim 63, ~~characterised in that~~ wherein the liquid carrier is an amorphous precipitated silica.

65. (Currently Amended) The liner according to claim 63 ~~or claim 64, characterised in that~~ wherein the mixture of epoxy resin and the liquid carrier is in powder form and is combined with the cementitious material.